

## WHAT IS CLAIMED IS:

1. A pair of medium and low frequency electro-stimulated  
massaging pants comprising:  
a pair of pants;  
5 a plurality of conductive plates attached on an inner surface of  
said pants and in direct contact with a human chest when said  
pants are put on;  
a plurality of conductive buttons clustered on a predetermined  
location of said pants;  
10 a plurality of conductive strips, each having a first end  
connected to one of said conductive plates and a second end  
connected to one of said conductive buttons; and  
an electro-stimulating controller having a corresponding set  
of conductive buttons for coupling with said conductive  
15 buttons of said pants, said electro-stimulating controller  
charging said conductive plates to produce an effect of  
medium and low frequency electro-stimulated massage.
2. The medium and low frequency electro-stimulated massaging  
pants of Claim 1, wherein said conductive plates are connected  
20 to a positive electrode and a negative electrode of said  
electro-stimulating controller.
3. The medium and low frequency electro-stimulated massaging  
pants of Claim 1, wherein said conductive strips are embedded  
within an elastic waistband.
- 25 4. The medium and low frequency electro-stimulated massaging  
pants of Claim 1, wherein said electro-stimulating controller

is provided with a central integrated circuit (IC); said IC is used for transporting a pulsed-wave signal to control the charging/discharging of a group of capacitors and inductors for generating a high voltage; said IC further adjusts the bandwidth of said pulsed-wave signal so as to generate high voltages for providing medium and low frequency electro-stimulated massaging effects of various strengths.

5. The medium and low frequency electro-stimulated massaging pants of Claim 4, wherein said bandwidth of said pulsed-wave signal is selected in a range from 1Hz to 150Hz.

6. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said pulsed high voltage generated by said electro-stimulating controller is guided to a plurality of conductive buttons thereon; said conductive buttons of said electro-stimulating controller then form an output terminal.

7. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein a stepping switch is installed on a lateral side of said electro-stimulating controller for selecting a charging region.

8. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said conductive strips are in a parallel arrangement separated by a proper spacing.

9. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said conductive strips are arranged in an overlapped fashion and insulated by an insulating material; an inducing terminal of each of said conductive strips is extended out of said elastic waistband; said

conductive plates are sewn on said pants to connect with said inducing terminals.

10. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein an inducing terminal of each of said  
5     conductive strips is provided with at least one conductive button, and each of said conductive plates is provided with at least one corresponding conductive button; said conductive plates are mounted onto said inducing terminals by riveting said pairs of conductive buttons together.
- 10   11. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein an inducing terminal of each of said conductive strips is provided with an adhesive patch, and each of said conductive plates is provided with a corresponding adhesive patch; said conductive plates are mounted onto said  
15     inducing terminals by sticking said pairs of adhesive patches together.
12. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said conductive strips are sewn on an inner surface of said pants.
- 20   13. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said pants are toreador pants or tight underpants; said conductive strips and said conductive plates are distributed on locations of said pants corresponding to various body portions.
- 25   14. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein a set of wires is connected with said conductive buttons clustered on said pants; a free end of said

wire set is provided with a set of conductive buttons capable of being mounted onto said electro-stimulating controller.

15. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said conductive strips, connected in series or in parallel, extend to various portions of the human body where said conductive plate or a predetermined number of conductive buttons are connected.

16. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said pants are treading pants or tight underpants; a plurality of auxiliary elastic bands are installed on one or two lateral sides of said pants.

17. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said conductive buttons at said extended ends of said conductive strips are each covered by an insulating cloth cover that is formed by either two overlapped pieces of cloth or a single piece of cloth.

18. The medium and low frequency electro-stimulated massaging pants of Claim 1, wherein said conductive strips are made of electrically conductive cloths.